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## UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jang-Kun SONG

Appl. No. 10/713,427

Filed: November 17, 2003

Confirmation No. 2744

For: LIQUID CRYSTAL DISPLAY

Art Unit: 1756

Examiner: MCPHERSON, John A.

Atty. Docket:

6192.0270.C1

## **Information Disclosure Statement**

Commissioner for Patents P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant respectfully brings the following information listed on accompanying Form PTO-1449 to the attention of the examiner.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior 01/27/2005 EAREGAY1 00000026 10713427

indications for indicating the mounting position of each of said CSP substrates, and the mounting position of each of said CSP substrates on said frame is recognized by viewing by eyes said mounting position indications and is manually input to said storage means.

- 4. A method of cutting CSP substrates according to claim 2, wherein the whole surface of said frame that mounts plural pieces of said CSP substrates is imaged by a whole-surface imaging means, and the mounting position of each of said CSP substrates on said frame is recognized by analyzing the obtained image and is stored.
- 5. A method of cutting CSP substrates according to claim 1, wherein the number of said cutting streets and gaps among them in each of said CSP substrates are stored in said storage means, and said chuck and said cutting means are moved relatively to each other to cut each of said CSP substrates along said cutting streets based on the stored number of said cutting streets and the stored gaps among them in each of said CSP substrates.

6. A method of cutting CSP substrates according to claim 5, wherein the number of said cutting streets and the gaps among them in each of said CSP substrates are stored in said storage means by being manually input.

7. A method of cutting CSP substrates according to claim 1, wherein said frame and a pick-up means are positioned relatively to each other based on the stored positions of the cutting streets of said CSP substrates, and plural CSPs that have been cut are individually picked up from said frame by said pick-up means.

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§ 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

⊠ c. Att	ached is our check in the amount of \$ 180.00 in payment of the fee under 37
	C.F.R. § 1.17(p).
3. This Inform	mation Disclosure Statement is being filed more than three months after the
U.S	S. filing date and after the mailing date of a Final Rejection or Notice of
All	owance, but before payment of the Issue Fee. It is hereby requested that the
Info	ormation Disclosure Statement be considered.
☐ a. I h	ereby certify that each item of information contained in this Information
	Disclosure Statement was cited in a communication from a foreign patent
	office in a counterpart foreign application not more than three months
	prior to the filing of this Information Disclosure Statement. 37 C.F.R.
	§ 1.97(e)(1).
□ b. I h	ereby certify that no item of information in this Information Disclosure
	Statement was cited in a communication from a foreign patent office in a
	counterpart foreign application or, to my knowledge after making
	reasonable inquiry, was known to any individual designated in 37 C.F.R.
	§ 1.56(c) more than three months prior to the filing of this Information
	Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
4. Relevance	of the non-English language document(s) is discussed in the present
spe	cification.
∑ 5. The docum	nent(s) was/were cited in a corresponding foreign application.
6. A concise	explanation of the relevance of the non-English language document(s) appears
bel	ow:
7. The Exam	niner's attention is directed to co-pending U.S. Patent Application No.
	, filed, which is directed to related technical subject matter.
	e identification of this U.S. Patent Application is not to be construed as a
wai	ver of secrecy as to that application now or upon issuance of the present
app	dication as a patent. The Examiner is respectfully requested to consider the
cite	ed application and the art cited therein during examination.

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cited application and the art cited therein during examination.									
8. Copies of the d	8. Copies of the documents were cited by or submitted to the Office in Application N								
<del></del>	, filed	, which is relied upon for an earlier	filing date						
under 35	5 U.S.C. § 120. Th	us, copies of these documents are not a	attached. 37						

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951.

Respectfully submitted,

Hae-Chan Park Reg. No. 50,114

Date: January 26, 2005

C.F.R. § 1.98(d).

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Form PTO-1449 (Modified)				Attorney Docket No.: Serial No.: 6192.0270.C1 10/713,427					,	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURES LATER ENT				ant: Kun SONG		10//13,42/		-		
(Use several sheets if necessary)  IAN 2 6 2005 Page 1 of 1			Filing Date: November 17, 2003			Group: 1756				
REFERENCE DESI	GNA CON		ATENT	DOCUMENTS						
EXAMINERS INITIALS	DOCUMENTATIONBER	DATE			CLASS	SUBCLASS	FILING DATE (IF APPRO.)			
	6,031,593	February 29,	, 2000 Morikawa et al.		349	349 155				
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